

Title (en)

Method for initializing a landing gear strut

Title (de)

VERFAHREN ZUR INITIALISIERUNG EINER FAHRWERKSTREBE

Title (fr)

PROCÉDÉ D'INITIALISATION D'UNE JAMBE DE TRAIN D'ATERRISSAGE

Publication

EP 2937591 A3 20160330 (EN)

Application

EP 15159726 A 20150318

Priority

- US 201461968449 P 20140321
- US 201414317977 A 20140627

Abstract (en)

[origin: US2015266569A1] A method of servicing a shock strut of a landing gear includes partially filling the shock strut with fresh oil and pressurizing the chamber with gas. The pressurizing is to a pressure level that compensates for expected gas pressure loss due to gas entrainment in the oil during operation of the shock strut. The method can be performed without weight on wheels, with weight on wheels and a constant strut stroke, or weight on wheels and a constant pressure.

IPC 8 full level

F16F 9/06 (2006.01); **B64C 25/22** (2006.01); **B64C 25/60** (2006.01); **B64D 45/00** (2006.01); **B64F 5/00** (2006.01); **F16F 9/43** (2006.01)

CPC (source: EP US)

B64C 25/60 (2013.01 - EP US); **B64F 5/60** (2016.12 - EP US); **F16F 9/06** (2013.01 - EP US); **F16F 9/43** (2013.01 - US); **F16F 2230/46** (2013.01 - EP US); **Y10T 29/49718** (2015.01 - EP US)

Citation (search report)

- [XA] US 5148896 A 19920922 - RALPH HARRY C [US]
- [XA] US 2014046533 A1 20140213 - NANCE C KIRK [US]
- [A] GB 2170294 A 19860730 - AUTOMOTIVE PRODUCTS PLC

Cited by

GB2541160A; DE102019118629A1; US10232958B2; US11254448B2; US10358236B2; US11254449B2; GB2590094A; DE102019118629B4

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

US 2015266569 A1 20150924; US 9387924 B2 20160712; BR 102015006184 A2 20160913; BR 102015006184 B1 20220412; CA 2884814 A1 20150921; CA 2884814 C 20210914; EP 2937591 A2 20151028; EP 2937591 A3 20160330; EP 2937591 B1 20171018

DOCDB simple family (application)

US 201414317977 A 20140627; BR 102015006184 A 20150319; CA 2884814 A 20150311; EP 15159726 A 20150318